

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A set for measuring the linear strain of materials, comprising at least two measuring elements [(1)], fitted with measuring blades [(3)] with parallel axes of the measuring blades [(2)], attachable to the measured material, and a portable reading device [(3)] with the impression surface [(4)] made of a material with dimensional stability and strength lower than the strength of the material of the measuring elements [(1)] and/or the portable measuring device, featuring the measuring blades [(2)] being fitted with fixtures [(5)] in the center and the measuring elements [(1)] being fitted with necks [(6)] and a tapered end [(7)] at the bottom; the measuring elements [(1)] are attached to the surface of the measured material using a resin-based adhesive.

2. (Currently Amended) A measuring set [[under]] according to claim 1, **featuring** featuring the measuring elements [(1)] being kept in a transport preparation [(8)], comprising a plotting board with holes [(9)] for the measuring elements [(1)], following the precision setting of parallelism of the axes of the measuring blades [(2)]; the joint between the measuring elements [(1)] and the transport preparation [(8)] has a lower strength than the joint between the measuring elements [(1)] and the measured material.

3. (Currently Amended) A measuring set ~~[[under]]~~ according to claim 1 ~~[[or 2]]~~, **featuring** featuring the measuring elements ~~[[1]]~~ being placed in the shape of a rosette on the measured material.

4. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring the measuring elements ~~[[1]]~~ with an adapter ~~[[10]]~~ for the alignment of the reading device ~~[[3]]~~ with the measuring elements ~~[[1]]~~ at the measured material.

5. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring the transport preparation ~~[[8]]~~ comprising a plotting board, the ends of which are bent upward.

6. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims 1 to 5~~ according to claim 1, **featuring** featuring the transport preparation ~~[[8]]~~ being in the shape of a bail, fitted with surfaces for the measuring elements ~~[[1]]~~ at its ends, and a portable reading device ~~[[3]]~~ comprising a similar bail with an impression surface ~~[[4]]~~, placed at its ends.

7. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring a device for the remote transmission of the measured data to the reading device ~~[[3]]~~.